

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

-- A single crystal substrate and a cutting method thereof are provided. The single crystal substrate includes a langasite substrate with a SAW propagation surface; and input and output IDTs having electrodes on the surface for launching and/or detecting surface acoustic waves, wherein a direction of surface wave propagation is parallel to an X'-axis, and the substrate further has an Z'-axis perpendicular to the surface and a Y'-axis parallel to the surface and perpendicular to the X'-axis, the langasite substrate having a crystal orientation defined by modified axes X, Y and Z, the relative orientation of axes X', Y' and Z' being defined by Euler angles ϕ , θ and ψ , in which ϕ is in a range of $8^\circ \leq \phi \leq 25^\circ$, θ is in a range of $15^\circ \leq \theta \leq 30^\circ$, and ψ is in a range of $55^\circ \leq \psi \leq 85^\circ$.--